THE TOM DICKSON EXTREME BLENDER

MANUAL

Blendtec

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SECTION 1

IMPORTANT SAFEGUARDS

READ ALL INSTRUCTIONS CAREFULLY BEFORE USING YOUR The Tom Dickson Extreme Blender™

1.1 SAFETY CERTIFICATION

The Tom Dickson Extreme Blender is certified by ETL (Report No. 3018204-4, 3018204-2 & 3018204-3) to comply with UL standard 982 4th ed. 11-29-2001, and to CSA standard C22.2 No. 195-m 1987, Nov. 1990, R 1994 as model ICB7.

1.2 BLENDER CERTIFICATION

The blender and its accessories are certified by NSF International (NSF) under Blendtec in the NSF Official Listing. The model number for this blender is ICB7.

1.3 AVOID CONTACT WITH MOVING PARTS

- Keep fingers, hands, hair, and clothing away from all moving parts.
- Keep all utensils away from the drive socket and blender jar blades during operation. Metal utensils may damage blades.
- **NEVER** put hands into the blender jar or add substances by hand when the blender jar is on the motor base.
- **NEVER** touch the blade with your fingers whether it is on or off the motor base.
- **NEVER** place jar into drive socket if blender motor is operating.
- DO NOT rock the blender jar during operation.

These precautions will prevent personal injury and/or damage to the blender.

1.4 NEVER OPERATE THE BLENDER IF IT APPEARS DAMAGED

If the blender malfunctions call your service agent first. If it is dropped or damaged in any way, return the blender to a Blendtec service agent immediately for examination, repair, electrical or mechanical adjustment, or possible replacement.

1.5 NEVER OPERATE BLENDER IN LIQUID

To protect against the risk of electrical shock do not put the motor base in water or other liquid. Do not use the blender outdoors where it is subject to precipitation.

1.6 NEVER PUT NON-FOOD ITEMS INTO JAR

Metal utensils, rocks, and glass are dangerous if placed in jar. Damage caused by such foreign objects will void the warranty. Keep hands and utensils out of jar while blending to reduce the risk of severe injury to persons or damage to the blender. Utensils may only be used when the blender is not running.

1.7 NEVER OPERATE THE BLENDER WITHOUT THE LID IN PLACE

1.8 NEVER OPERATE THE BLENDER USING ATTACHMENTS NOT SOLD BY BLENDTEC

The use of any unauthorized attachments may cause fire, electric shock, and/or injury and will void the warranty.

1.9 CONTAINER MUST BE PROPERLY IN PLACE WHILE APPLIANCE IS OPERATING

1.10 BLADES ARE SHARP! HANDLE CAREFULLY!

1.11 WHEN BLENDING HOT LIQUIDS, THE VENTED LID WILL ALLOW PRESSURE RELIEF. BE CAREFUL NOT TO COME IN CONTACT WITH ANY STEAM COMING FROM THE CLEAR CENTER LID.

1.12 POWER CORD PRECAUTIONS

- NEVER operate with a damaged cord or plug. (If the supply cord is damaged it must be replaced by the manufacturer or authorized service agent to avoid a hazard.)
- DO NOT permit the cord to hang over the edge of the work surface.
- NEVER use an extension cord with the unit.
- Unplug the blender motor when not in use, before changing blender locations, or cleaning.

1.13 NEVER ATTEMPT TO REPAIR THE POWER UNIT

Never remove the blender motor cover. The blender motor does not contain self-adjustable or serviceable parts. A qualified service agent must make all service adjustments. Removing the cover or attempting to service the blender will void the warranty.

1.14 TURN THE POWER SWITCH OFF WHEN NOT IN USE

The Power Switch (ON/OFF switch) is located on the front of the blender.

1.15 AVOID TOUCHING THE BLENDER DRIVE SOCKET AFTER EXTENSIVE USE

The blender drive socket may become hot after numerous cycles.

1.16 CLOSE SUPERVISION IS NECESSARY WHEN APPLIANCE IS USED BY OR NEAR CHILDREN AND PERSONS WITH REDUCED CAPABILITIES.

Further, children and persons with reduced capabilities should not play with the appliance at any time.

1.17 THE TOM DICKSON EXTREME BLENDER™ IS INTENDED FOR HOME USE ONLY! ANY USE OF THE BLENDER FOR COMMERCIAL PURPOSES VOIDS ALL WARRANTIES.

SAVE THESE INSTRUCTIONS

SECTION 2

SAVE ALL PACKAGING MATERIALS AND INSTRUCTIONS FOR FUTURE USE.

2.1 UNPACKING YOUR BLENDER

You should have received the following items:

- The Tom Dickson Extreme Blender™ motor base
- Black motor stand
- Standard blender jar with lid
- **WILD** SIDE™ blender jar with lid
- Recipe book

1. Remove blender motor, blender jar, and lid from packaging.
2. Unwind the power cord.
3. Check for any packing material that may have blocked ventilation holes in the blender motor.
4. Inspect all items to ensure no damage occurred in shipment.
5. If any damage has occurred contact your Blendtec service agent immediately.

2.2 RECORDING YOUR SERIAL NUMBER AND DATE OF PURCHASE

Record your blender motor serial number and date of purchase in the space below. You will need these when contacting Blendtec for service or questions.

Motor Serial #:

_____

(Found on bottom of motor base)

Date of Purchase:

_____

Purchased From:

_____

2.3 REGISTRATION OF YOUR BLENDER

Register online at www.blendtec.com (select “Product Registration” under the ‘Service’ tab).

SECTION 3

The Tom Dickson Extreme Blender Overview

(Refer to Figures 1a, 1b, and 2)

3.1 BLENDER MOTOR

- Blender Base Housing: Houses the power unit in a stainless steel casing. Never remove the blender base cover. Removal of the cover will void the warranty.
- Touch Pad: Consists of four pre-programmed buttons that contain settings for selective blender control, a Pulse button, a Start/Stop button, a Cycle Menu button, and two Speed control buttons.
- LCD Information Center: Indicates the status of unit as well as overload or over-temperature conditions.
- Power Unit: This unit is located within the blender motor and contains the machinery that runs the blender.
- Power Switch: Located on the front panel underneath the LCD display.

3.2 BLENDER JAR ASSEMBLY

The blender jar assembly consists of the blender jar, blade assembly, and lid.

- Jar: Made from BPA-free copolyester material to provide maximum efficiency and clear visibility of blender performance.
- Blade Assembly: Made from stainless steel and designed to provide fast, consistent blending.

3.3 POWER SPECIFICATIONS

The Tom Dickson Extreme Blender is made for 110/120 volts circuits only. It is rated at 20 amps/2400 watts. It is necessary that this unit use a 20 amp receptacle (see FIGURE 1b) and be protected by a 20 amp circuit breaker or fuse.

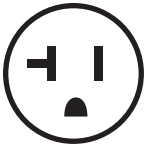


FIGURE 1b
20 AMP RECEPTACLE

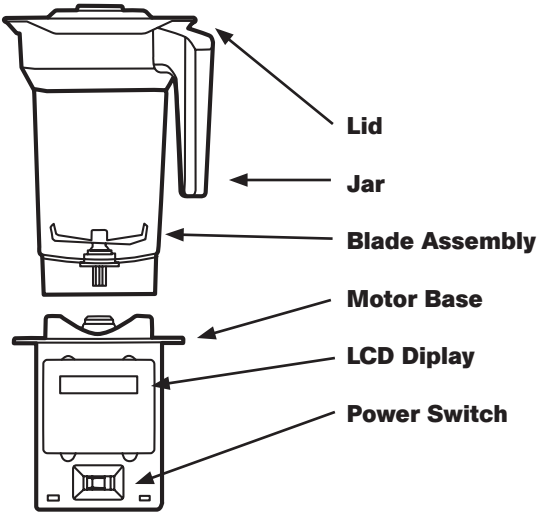
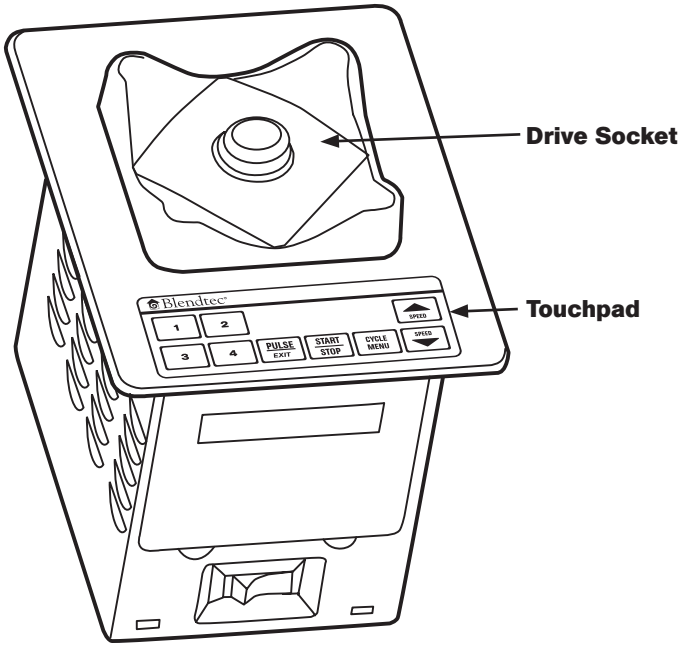


FIGURE 1a MOTOR BASE AND JAR FRONT VIEW

FIGURE 2 - MOTOR BASE - TOP VIEW



SECTION 4

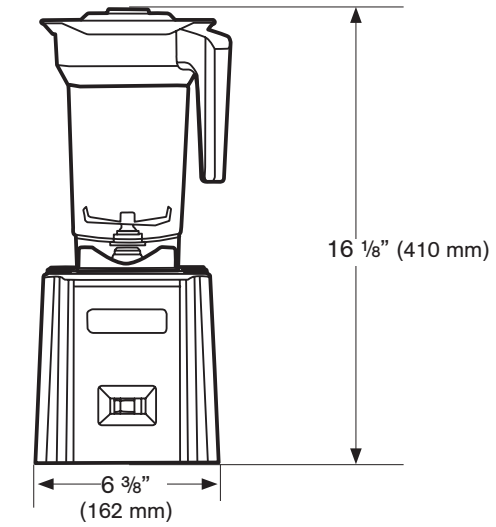
INSTALLATION

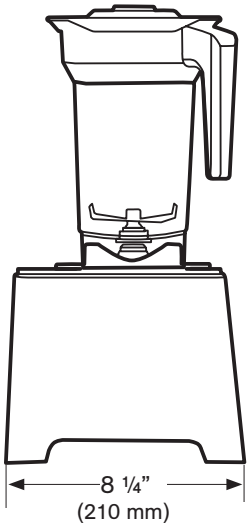
It is recommended that surge protection be placed between the receptacle and the blender motor.

4.1 ABOVE COUNTER INSTALLATION (Refer to FIGURE 3)

1. Place motor into base unit.
2. Place blender on a flat, clean, and dry surface.
3. Make sure a plug outlet is available within four feet of the blender motor.
4. Ensure that the unit is turned off before plugging it into a separate 120-volt receptacle.

FIGURE 3 - ABOVE-COUNTER DIMENSIONS





5. Ensure that blender vents are unobstructed to allow proper cooling during use.

4.2 The Tom Dickson Extreme Blender IN-COUNTER INSTALLATION

Preparation

1. Identify desired blender location. Consider preferences such as proximity to ingredients, available counter space, and access to a power source.
(A licensed electrician may need to install appropriate power source for the blender.)

2. Ensure potential site meets all dimensional requirements (see Figure 4).

- Countertop can be no thicker than 3/4 inch (19 mm). A countertop thicker than 3/4 inch (19 mm) will obstruct ventilation louvers on the upper sides of the blender base.

NOTE: The blender unit draws ambient air into the louvers located on the bottom of the blender base. It then evacuates hot air through the louvers located on the upper sides of the blender base. Ensure a sufficient amount of air circulates beneath the blender base to allow cooling. Hot air should not be trapped beneath the counter top. Nothing should be stored closer than 3 inches (76 mm) from the bottom of the blender motor.

3. Cut a hole in the counter top 4 3/8 inches (111 mm) wide and 5 7/8 inches (149 mm) long with the shorter side facing the operator (see FIGURE 4). **Make sure all space requirements and measurements are correct <u>BEFORE</u> cutting. Depending on the type and style of your counter top, different types of equipment may be needed to cut the appropriate hole. It is always recommended to consult with a professional before cutting.**

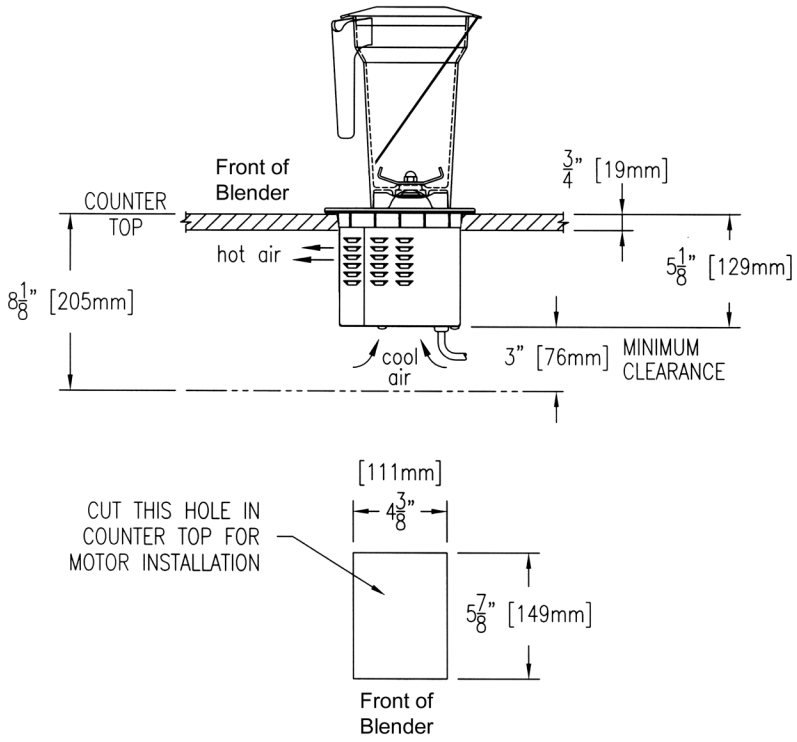
Installation In Counter

1. Ensure that an electrical receptacle is readily accessible when you locate the equipment.

2. Slide the blender base into the hole cut in your counter top (per instructions above) with the LCD indicator and touchpad facing the operator side of the counter top. The formed rubber gasket on the rim of the motor base should fit into the hole and rest lightly on the counter top.

3. Make sure the power switch is off before plugging the unit into the wall. Plug the unit into a separate 120 volt, 20 amp receptacle with 20 amp protection.

FIGURE 4 - IN-COUNTER INSTALLATION



SECTION 5

CARE AND CLEANING

5.1 AFTER USE CLEANING

1. Add 1 cup of hot water and a drop of liquid dishwashing soap to the blender jar.
2. Place the lid tightly onto the jar. Place the blender jar on the blender base, and with your hand placed on top of the lid, press the PULSE button for five seconds.
3. Rinse with clear water until all soap is rinsed from jar and lid.
4. Clean the blender base by simply wiping the base and touchpad with a damp rag and water.

5.2 LONG-TERM SANITATION

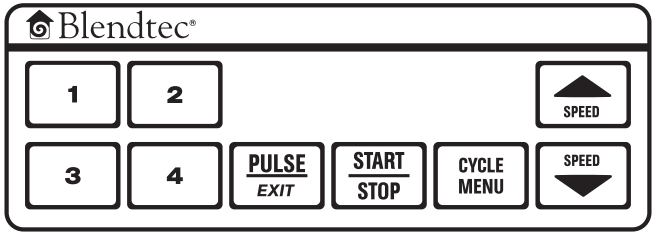
1. For long-term sanitation, occasionally fill the blender jar with hot water.
2. Add one teaspoon of liquid chlorine bleach.
3. Stir for 10 seconds to mix water and bleach. Let mixture stand in blender jar for five minutes.
4. Empty water/bleach mixture. Turn jar RIGHT SIDE UP on dish rack until dry.

5.3 CLEANING TIPS AND CAUTIONS

- Do not use abrasives or stiff brushes to clean the blender base or jar as this will dull or scratch the surface. Cosmetic damage is not covered by warranty.
- NEVER submerge the blender motor in water. Avoid submerging blender jars for more than five minutes. Water penetration through the lower jar seals will reduce the life of the jar. After cleaning, we recommend the blender jar be stored upright.
- BLENDER JAR IS DISHWASHER SAFE - TOP RACK ONLY! Extreme temperatures can damage the lower seal to the jar.

SECTION 6

Your blender has 30+ pre-programmed blend cycles for your convenience, as well as optional manual controls. A representation of the touchpad controls is found below.



6.1 BEFORE YOU BEGIN OPERATION

1. Turn on the main power switch located on the front of the blender motor base.
2. Place ingredients in jar.
3. Place the blender jar on the base, making sure the jar is secure.
4. Attach the blender jar lid.

6.2 MANUAL CONTROLS

START/STOP: The START/STOP button can be pressed at any time to stop the current blender function.

PULSE: To use the high–speed pulse, simply hold the PULSE button for the desired amount of time. The blender will stop when you release the button. The pulse function can also be activated during a blend cycle. When the PULSE button is pressed the current cycle pauses and the pulse begins. When the PULSE button is released, the selected cycle resumes. The PULSE button is used when you want to chop, mince, whip, or do other momentary tasks which do not require a long blend cycle. When the PULSE button is pushed the motor will run only as long as the button is held down. As soon as the button is released the motor will shut off.

SPEED UP/SPEED DOWN: Pressing the UP button will start a speed cycle for 50 seconds. During this time press or hold down the UP/DOWN arrows to control up to 10 speeds at which the blender can operate. The speed buttons allow you to manually control the blender and choose any of the available 10 speed settings. Simply press the SPEED UP button and the motor will begin. Continue pressing the SPEED UP key to increase the speed, or press the SPEED DOWN key at any time to decrease speed. After you have reached the desired speed release the button. Once you press a speed button, the blender will begin to run at the selected speed, and then shut off automatically after 50 seconds. To stop the cycle before the 50 seconds, press any button on the lower row.

6.3 AUTOMATIC AND CUSTOM CONTROL PRESETS

BUTTONS – 1, 2, 3, 4: The four numbered buttons on the left side of the touchpad operate four customizable pre-selected blend cycles. To select one of these presets, simply press the designated button. The buttons are set at the factory to the following blend cycles:

Preset Button	Blend Cycle
1	Low Energy
2	Smoothie
3	Mixed Drinks
4	Whole Juice

SELECTING A BLEND CYCLE FROM THE CYCLE MENU: To access the Cycle Menu, press the CYCLE MENU button. The first category to appear on the LCD display is BEVERAGES. Continue pressing or hold down the CYCLE MENU button to scroll through the cycle categories. A chart showing the blend cycle categories, and each specific blend cycle within a category is found in FIGURE 5.

Once the desired blend cycle category has been reached, press or hold down the arrow keys to scroll through the blend cycles listed in that category. When you find a blend cycle you want to use, press the START/ STOP button. The LCD display will show the cycle name and the time remaining will be displayed while the cycle is running.

After you have run a blend cycle, while still in the Menu Mode, the CYCLE MENU and UP/DOWN arrows can be used to select another blend cycle.

Press the PULSE button to exit the Cycle Menu mode.

FOOD PROCESSING BLEND CYCLES: Unlike the other cycles, the blend cycles in the FOOD PROCESSING category (Chop, Whip, and Puree) function similar to the pulse function. Use the START/STOP button as you would the PULSE button by pressing the button for the desired duration and releasing when finished.

PROGRAMMING A PRESET BUTTON (Button 1-4): For blend cycles you use frequently, there are 4 preset buttons on the touchpad numbered 1, 2, 3, and 4, which you can use to save any of the pre-programmed blend cycles. This will allow you to simply press button 1, 2, 3, or 4, when you want to use that specific blend cycle.

Enter the Menu Mode by pressing the SELECT CYCLE MENU button. Using the SELECT CYCLE MENU and UP/DOWN arrows, navigate to the cycle you wish to program onto the preset. When the desired blend cycle appears on the LED display, press and hold the desired preset button (button 1, 2, 3 or 4) for two seconds.

The display will first show the name of the existing cycle, and then the display will read - “ProgrammingBttnX”, where “X” is the number of the preset button. When the programming is complete, the display will read “Program Complete”. The blender will exit the Menu Mode automatically, and the preset button is now available for use. The next time you choose that button, it will run the blend cycle which you have saved to it. If the blender fails to program the preset button, the display will read, “Program Failed”. If you continue to receive this message after multiple attempts to program your blender, contact Blendtec customer service at 800-253-6383 for assistance.

6.4 RESTORING FACTORY DEFAULTS

The Tom Dickson Extreme Blender has the following blend cycles set as factory defaults for preset buttons numbered 1, 2, 3, and 4:

Preset Button	Category	Blend Cycle
1	Multi-Use	Low Energy
2	Beverages	Smoothie
3	Drinks/Ice Cream	Mixed Drinks
4	Whole Foods	Whole Juice

To restore your blender to these settings, press and hold preset button 4 and the START/STOP button. The display will read, “Restoring Defaults”. When the programming is complete, the display will read, “Restore complete” and the blender will be ready for use.

FIGURE 5 - BLEND CYCLES*

CATEGORIES				
Beverages	**Drinks/Ice Cream**	**Whole Foods**	**Food Processing**	**Multi-Use**
Smoothie	Ice Cappuccino	Light Juice	*Chop	Low Energy
XL Smoothie	Ice Cream	Whole Juice	*Whip	Medium Energy
Milkshake, Ice	Mixed Drinks	Frozen Fruit/ Yogurt	*Puree	Speed 6
Full Strength	Fruit Drinks	Sauces, Dips	Knead Dough	Medium Energy Up/ Down
Hot Chocolate	Granita	Soups	Grind Grain	High Energy Up/Down

*Chop, Whip, and Puree function as pulse cycles; see pulse instructions for details.

Why Blend Cycles?

In the world of professional blending, there are many factors which go into making a delicious and consistent blended product. It is from that world of professional results that Blendtec derives its heritage. In order to blend many different things consistently, Blendtec developed blend cycles to match the blending needs of the type of product being made (see FIGURE 6 for two examples of blend cycles.)

Because different ingredients have different blending characteristics, each ingredient needs to be considered. Some things which are thicker or more fibrous will take longer to blend and need to be blended at higher speeds. For instance, think of the difference in thickness between strawberry juice, strawberry syrup, and a strawberry puree with lots of pulp and seeds. The first two will be on the thinner side, the puree on the thicker side. Now play the same

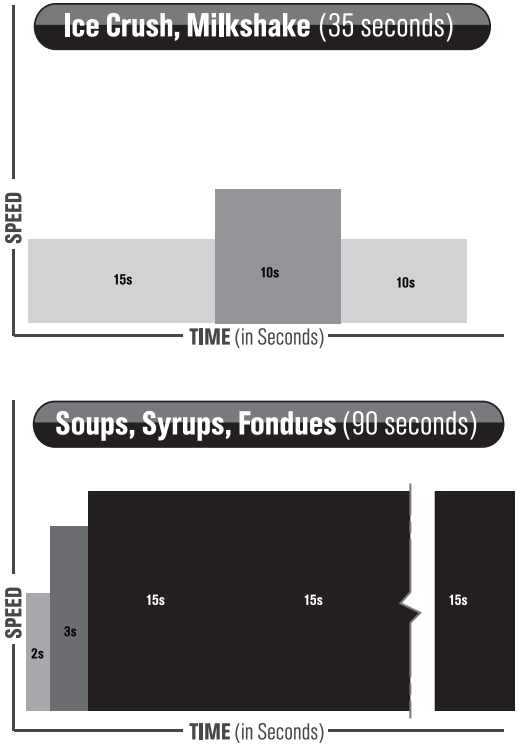
game with fruits having more fiber such as pineapple or mango. You can see that different types of products (juice, syrup, puree) and different flavors (e.g., apple, mango) have different levels of thickness and fiber; the thicker the ingredients, the tougher the blend!

This is why you will hear the blender speeding up and slowing down at different times throughout the various blend cycles. Based on the type of foods the blend cycle is designed to handle, it will blend at higher or lower speeds for different lengths of time in order to produce the most consistent results.

The Tom Dickson Extreme Blender was designed with many different food items in mind and blend cycles make it produce consistent results across a wider range of food items than any other home blender. However, things like the temperature of ice and the amount of liquid in the various foods used in a recipe will create different blending characteristics.

The recipe book included with your machine is designed for an overall average in terms of ice temperature and the amount of liquid typically contained in various fruits and vegetables. Your experience may be different depending on local conditions and you may need to adjust certain recipes to have more or less ice, and higher or lower portions of fruits and vegetables or other ingredients. For example, if a drink is too thick to blend adequately, try reducing the ice a little and replacing the ice with a little water or other liquid. You will be amazed at

FIGURE 6



the difference in blendability.

Whatever your experience with ingredients, the Tom Dickson Extreme Blender will blend things faster and more easily than other blenders because of its unique combination of high speed motor, patented **WILD**SIDE jar, single prong wingtip blade, direct drive coupling, and computer controlled blend cycles.

SECTION 7

TROUBLESHOOTING

7.1 BLENDER MOTOR WILL NOT TURN ON

If the blender motor will not turn on, try the following:

- Make sure the main power switch on the front panel is turned ON.
- Check your house circuit breaker switch or fuse to make sure it is set to the ON position.
- Unplug the power cord from the wall receptacle, wait five seconds, then plug power cord back in.
- Determine if the Liquid Crystal Display (LCD) is lit. An absence of a lit LCD indicates a lack of power to the unit.

Look at the LCD:

- A reading of "OVERTEMP" indicates that the motor is overheating. The blender has been disabled until the unit cools to operating temperatures. Turn off and unplug the unit. Allow it to cool for at least 20 minutes.
- A reading of "OVERLOAD" indicates an overload on the motor. Turn off and unplug the unit. Plug in the unit and turn the motor on again to clear the overload condition. Check the blender jar for blockage. If overload condition re-occurs, contact your Blendtec service agent.
- Remove the blender jar from the blender motor and check to make sure the blade turns freely while unattached to the motor. If the blade does not move freely the problem may be the jar, not the motor. Check the jar by turning the shaft by hand to see if it rotates easily.
- Blade stops: If the overload switch stops the blender, remove the blender jar and carefully check for blockage of the blade. If no blockage is found, replace jar and use the PULSE button on the touch pad to quickly pulse the blade through the mixture. Once the blade spins freely a programmed button may be used.

7.2 NOISE LEVEL CHANGES

If the blender noise level has increased significantly from original levels, determine whether the sound is coming from the blender motor or the jar.

- Blender Motor: Check to see if the excess noise is coming from the blender base. Remove the jar and press cycle number two or three. Listen to the motor sound without a jar attached. If it is excessively noisy contact your Blendtec service center.

- Jar: Check to see if the excess noise is coming from the jar. Place the jar back on the motor. Run the motor for a few seconds using the PULSE button. If you have more than one jar, test a different jar to determine whether the sound changes as different jars are used. If a jar is excessively noisy, or if the blade assembly seems loose or sounds “gravelly” when turned by hand, contact your Blendtec service center.

7.3 BLENDED TEXTURE UNSATISFACTORY

If the blended texture of product is lumpy or uneven, do the following:

- Ensure the mixture is not cavitating during the cycle. Cavitation is a condition in which the blender blade spins freely in an air pocket within the drink mix because the mixture is too cold or too solid. This problem can be corrected by increasing the mix temperature by reducing ice, increasing liquid and/or ensuring that the frozen ingredients used in the recipe are never colder than 10 degrees Fahrenheit (-12 degrees Celsius).
- Increase cycle time if the drink is mixing well but has not had enough time for complete blending hold the PULSE button for required extra blending time.
- **TRIED EVERYTHING?** If none of the preceding suggestions work, contact your Blendtec service agent for further assistance. Call toll free (800) 253-6383.

SECTION 8

WARRANTY

WARRANTY DESCRIPTION (US Domestic and Canada)

The Tom Dickson Extreme Blender motor is warranted for ten years. The jar assembly, including all moving jar parts, is covered against leaking or breakage for three years. Warranties begin from date of purchase.

The quality of Blendtec blenders is unsurpassed. And we expect you will enjoy years of wonderful and reliable service from the Tom Dickson Extreme Blender.

Warranties begin from the date of purchase. Cosmetic damage, product abuse, unreasonable use, damage resulting from an accident, product tampering, servicing performed or attempted by unauthorized service agencies, units that have modifications, or have been or used for commercial purposes are not included under this warranty.

THIS WARRANTY APPLIES ONLY TO PRODUCTS SOLD BY BLENDTEC OR ITS AUTHORIZED DEALERS

Limited Ten Year Warranty

Blendtec warrants the blender motor to be free of defect in material and workmanship for a period of ten years. During this period, such defects will be repaired or the product replaced, at Blendtec's discretion, without charge. This warranty does not cover damage caused by misuse, accident, or negligence. All implied warranties, including but not limited to implied warranties of fitness and merchantability are limited in duration to a period of ten years on the motor and three years on the jars. **Any unit submitted for repair must be accompanied by proof of original purchase and should be shipped prepaid to:**

Blendtec
1206 South 1680 West
Orem, UT 84058
Toll Free: (800) 253-6383
Local: (801) 222-0888

UNDER WARRANTY

1. Contact Blendtec immediately to diagnose the difficulty. Please have blender serial number ready as well as a description of the problem. Do not attempt to do your own repairs. Repairs made by persons other than Blendtec authorized service representatives will void the warranty. Many issues can be resolved simply and quickly over the phone.

2. If the difficulty cannot be resolved over the phone, your unit may require replacement. If the blender is under warranty, Blendtec will repair or replace the unit at no cost. Cosmetic damage and abuse are not included.

3. Upon receiving instructions from Blendtec, box up your existing unit and enclose the following:

Your name:
Address:
Phone number:
The blender serial number:
(located on the bottom of the blender motor base)
Cycle Count (from the LCD indicator):
Your purchase date: Place of purchase:
An explanation of the problem:

OUT OF WARRANTY

1. Contact Blendtec to diagnose the difficulty. Please have the blender serial number ready along with a description of the problem. Do not attempt to do your own repairs. Many issues can be resolved simply and quickly over the phone.

2. If the blender is not under warranty and you wish to have it repaired, box

up the blender motor and ship it to Blendtec. You will be billed for services rendered.

3. When you ship your unit please enclose the following:

Your name:
Address:
Phone number:
The blender serial number:
(located on the bottom of the blender base)
Cycle Count (from the LCD indicator):
Your purchase date: Place of purchase:
An explanation of the problem:

FOR QUESTIONS REGARDING THIS WARRANTY CONTACT CUSTOMER SERVICE AT (800) 253-6383 OR (801) 222-0888. M-F from 8:00 am - 5:30 pm Mountain Time.

INSTRUCTIONS THAT APPEAR IN THIS USER GUIDE ARE NOT MEANT TO COVER EVERY POSSIBLE CONDITION OR SITUATION THAT MAY OCCUR. GOOD JUDGMENT MUST BE USED WHEN OPERATING THIS OR ANY OTHER MACHINERY.

1206 South 1680 West
Orem, UT 84058
801-222-0888
www. blendtec.com

OWN-RD-041 Manual, The Tom Dickson Extreme Blender v1 May 10

Blendtec®